

SENIOR THREE COMPUTER STUDIES ASSESSMENT

PAPER ONE

TIME 2 HRS

FOR EXAMINER ONLY

SECTION	MARK SCORED
A	
B	
C	
TOTAL	

SECTION A ANSWER SPACE

1		6		11		16	
2		7		12		17	
3		8		13		18	
4		9		14		19	
5		10		15		20	

NAME:----- SIGNATURE:-----

SECTION A

Attempt all questions in this section

Indicate your answer in the space provided on page 1.

1.The term we use to describe programs and instructions written for computers is:

- A. Hardware
- B. Software
- C. Analog
- D. Digital

2.A person who accesses computer systems illegally is referred to as;

- A. Criminal
- B. Hacker
- C. Wizard
- D. Thief

3.A computer system is one that consists of hardware, software and;

- A. The CPU
- B. Peripheral devices
- C. People
- D. Data

4. ----- is a permanent type of memory found in a computer system.

- A. RAM
- B. CPU
- C. ROM
- D. ALU

5. The following are storage devices except;

- A. Printer
- B. Compact disk
- C. Tapes
- D. Diskettes

6. An internal service that enables users to send and receive messages is;

- A. Internet
- B. Browsing
- C. WWW
- D. e-mail

7. A network that connects computers in the same building is called;

- A. Bus
- B. WAN

C. LAN

D. MAN

8. Which of the following best describes a computer?

A. A machine

B. Electronic device for input

C. Electronic device for input and processing

D. Electronic device for input, processing and output

9. What is WWW?

A. World War Winners

C. World Wide Word processing

B. World Wild Wines

D. World Wide Web

10. Which of the following is not an example of an output device?

A. Printer

C. Plotter

B. Monitor

D. Key board

11. The output displayed on the screen is termed as:

A. Photocopy

C. Soft copy

B. Master copy

D. Hard copy

12. One of these is a pointing device used to manipulate on screen objects;

A. CD- ROM

C. Digital Camera

B. Scanner

D. Mouse

13. This component of the CPU carries out all the logic and mathematical operations.

A. ALU

C. System clock

B. Register

D. Control unit

14. Another word for a daisy wheel printer is;

A. Petal printer

C. Laser printer

B. Golf ball Printer

D. Line printer

15. Which of the following is not a primary storage device?

A. Magnetic tape

C. Optical disk

B. Magnetic disk

D. None of the above

16. The first electronic computer in the world was;

A. UNIVAC

C. ENIAC

B. EDVAC

D. All of the above

17. Which of the following is not a type of computer network?

A. LDN

C. MAN

B. LAN

D. WAN

18. A computer network topology refers to;

A. An interconnected computer that communicates, exchanges and shares information.

B. Arrangement of computers and devices on the network

C. None of the Above

D. All of the Above

19. The most powerful computers are called;

A. Mini computer

C. Mainframe

B. Personal computer

D. Super computers

20. The scientific mile stone of using Integrated Circuits (IC) was a characteristic of the :

A. First generation

C. Second generation

B. Third generation

D. Fourth generation

SECTION B

Attempt all the questions in this section

21. Indicate whether True or False (05 marks)

- a) Data communication is the transfer of data or information between a source and a receiver.-----
- b) The primary term for the design or arrangement of a network is BUS.-----
- c) In the star topology, cables branch out from a switch/ HUB.-----
- d) All network designs stem from the Linear bus, Star and Ring topologies.-----
- e) Operating system is the brain of the computer.-----

22. Write the following abbreviations in full (10 marks)

- I) MAN -----
- II) LAN-----
- III) WAN-----
- IV) TCP-----
- V) GUI-----
- VI) ASCII -----

- VII) VOIP -----
- VIII) URL -----
- IX) RAM -----
- X) BIOS -----

23. Write short notes about the following;(05 marks)

- a) Network Interface Card -----

- b) Hub -----

- c) Bridge -----

- d) Modem -----

e) Topology -----

24. a) Define a computer?(01 mark)

b) Mention the two common types of monitors. (02 marks)

i) -----

ii) -----

c) Give five examples of input components. (05 marks)

i) -----

ii) -----

iii) -----

iv) -----

v) -----

d) Give any two differences between RAM and ROM. (02 marks)

i) -----

ii) -----

SECTION C

Attempt any two questions from this section. All questions carry equal marks.

25. a) What is data communication?(02 marks)

b) Give five advantages of installing a local area network.(10 marks)

c) Give four disadvantages of installing a LAN. (08 marks)

26. a) List the five computer generations giving each of the major discoveries in each.(10 marks)

b) Explain any five characteristics of RAM. (05 marks)

c) Give any five characteristics of ROM. (05 marks)

27. a) What is a protocol?(02 marks)

b) Describe any five types of protocols that you know.(10 marks)

c) Outline any three undesirable behaviors on the internet. (03 marks)

d) Outline any five functions of the internet.

28. a) Write ISP in full.(02 marks)

b) List any four examples of ISPS that you know.(04 marks)

c) Explain seven factors considered when choosing an ISP.(14 marks)

“END”